



FIG. 1 is a block diagram of a power supply system. It shows an input line 22 entering from the left, which splits into two parallel horizontal lines 26. Between these two lines 26, there are two vertical lines 48 and 50. Line 48 is connected to a block labeled 'VOLTAGE SENSING MEANS'. Line 50 is connected to a block labeled 'CONTROLLED LOAD MEANS'. The two blocks are connected to each other by a horizontal line. The output of the system is taken from the two parallel lines 26, which are labeled 'OUTPUT A.C. TO LED POWER SUPPLY'.